

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:03 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 066 Const Calendar Day: 255 Date: 21-May-2010 Friday
Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

ITEM 52 FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER);
ITEM 55 FURNISH STRUCTURAL STEEL (BRIDGE)(BOX GIRDER);
HIGH STRENGTH FASTENER ASSEMBLY PRE-INSTALLATION TESTING:

For ABF, engineer Chris Bausone is present for testing and Sabrina Levine is present for sampling and testing. For CT, Bob Brignano is present for sampling and Saman Soheilifard is present for testing. Today's testing is for rotational capacity, minimum tension verification, and inspection torque. Work happens at Bolt Testing Conex ABF ID 002079 with Skidmore Model HT 4000 ABF ID 000612 in the warehouse. Sampling rocap lots is 0930 to 1015. Testing rocap lots is 1015 to 1300 (work through lunch). Eight rocap lots are tested, including retesting of the rocap lot that did not pass testing on 5/18/2010.

On 5/18/2010, rocap lot DHGM240113 had one of five bolts break. The other 4 bolt assemblies pass the rocap test. The broken bolt is after 355 degrees of rotation (versus specified 360 degrees of rotation) and is with a clamping force greater than required for the final rocap rotation. Today an additional 5 bolt assemblies are tested and pass without problem. The rocap lot is accepted based on today's acceptable test results.

See the attached Bolt Test Form for details of the testing.

